

General information

Factory modifications

Starters
3

Control cover accessories – A9-A750

Description	Control suffix ①	List price adder
		NEMA 1 3R 4, 4X & 12
Start-stop pushbutton	A	\$ 72
Fwd-rev-stop pushbutton	B	360
2 position selector switch (Std. ON-OFF)	C	72
3 position selector switch (Std. HAND-OFF-AUTO)	D	72
Pilot light, Red, RUN (Std.)	E	135
Pilot light, Green, RUN	R	135
Pilot light suffix + V= Neon bulb	V	–
Pilot light suffix + X= LED bulb	X	–
Start-stop pushbutton & pilot light	F	207
Fwd-rev-stop pushbutton & pilot light	G	496
2 position selector switch & pilot light	H	207
3 position selector switch & pilot light	J	207
Fast-slow-stop pushbuttons	K	360
Fast-slow-stop pushbuttons & pilot light	L	495
Fast-slow-off-auto selector switch	M	150
Emergency stop	P	100
F suffix + 1NO & 1NC auxiliary contact	T	237
J suffix + 1NO & 1NC auxiliary contact	U	237
Pushbutton (standard START)	Y	36

Special modifications

Contact configuration	Suffix code ①	List price adder
Contactors		
Coil surge suppressor	S	\$ 75
Auxiliary relays		
Type N control relay (4 pole)	CR	225
Electronic timer		
1.5 – 30, On Delay	TN30	300
5 – 100, On Delay	TN100	300
1.5 – 30, Off Delay	TF30	300
5 – 100, Off Delay	TF100	300
Phase failure phase reversal with over and undervoltage relays	PFPR	525
Ground fault protection	GFP	2250
For multi-speed controllers		
Compelling relay	CPR	600
Accelerating relay	ACR	600
Decelerating relay	DCR	600
Meters & metering		
Current transformer	CT	375
Ammeter (including C.T.)	AM	705
Ammeter & ammeter switch	AMS	1800
Voltmeter	VM	1200
Voltmeter & voltmeter switch	VMS	1800
Elapsed time meter	ETM	375
Operation counter	OC	560
Wattmeter	WM	3650
Miscellaneous		
Lightning arrester	LA	320
Space heater, 100W with thermostat	SH	600

Control circuit transformer (standard VA) – A9 - A750 ②

Standard size with fused secondary			Coil suffix	Starter size	CCT VA	List price
Primary	Secondary	Hz				
200/208V	110V	50/60	0	A9 – A40	45 ③	\$ 300
220/240V	110/120V	50/60	7	A9 – A40	50	360
440/480V	110/120V	50/60	8	A50 – A75	75	435
550/600V	110/120V	50/60	9	A95 – A110	100	560
				A145 – A185	150	720
				A210 – A300	250	795
				A400 – A460	150	720 ④
				A580 – A750	250	795 ④

Control circuit transformers do include two primary fuses and one secondary fuse.

① Add this suffix to the last digit of the catalog number.

② Consult factory if additional VA is required.

③ Does not include primary fusing.

④ A400 - A750 utilizes the AF wide range coil with a lower coil consumption than A210 - A300.

Additional auxiliary contact blocks — A9 – A750

Contact configuration	Suffix code ①	A9 – A110 list price adder	A145 – A750 list price adder
1 N.O.	10	\$ 20	–
1 N.C.	01	20	–
2 N.O.	20	30	–
1 N.O. & 1 N.C.	11	30	\$ 30
2 N.C.	02	30	–
4 N.O.	40	60	–
3 N.O. & 1 N.C.	31	60	–
2 N.O. & 2 N.C.	22	60	60
1 N.O. & 3 N.C.	13	60	–
4 N.C.	04	60	–
3 N.O. & 3 N.C.	33	90	90

Reduced voltage & multi-speed starters — price adders

Starter size	Non-fusible switch price adder	Fusible switch price adder	MCCB or MCP price adder
A9	\$ 990	\$ 1008	\$ 1287
A12	990	1008	1287
A16	990	1008	1287
A26	990	1008	1287
A30	990	1224	1350
A40	990	1224	1350
A50	1152	1224	1350
A63	1230	1350	1785
A75	1494	1602	1809
A95 – A110	2310	2565	2982
A145	3042	3366	4158
A185	3300	3735	4533
A210	3450	3825	6000
A260	3744	4068	6849
A300	4200	6000	8750
A400	6600	9450	9030
A460	8200	11,100	9475
A580	8400	11,800	10,200
A750	9000	12,450	12,900

Hazardous location enclosure accessories, NEMA 7 & 9

Item	Catalog ① Suffix No.	List price
3R Breather/drain	A	\$ 80
Start PB green	B	180
Stop PB red	C	180
St/St dual PB	D	360
Em. Stop mush momentary	E	220
Em. Stop mush maintained	F	460
Black PB N.O. auxiliary	G	180
Black PB N.C. auxiliary	H	180
Pilot light	J	180
Illuminated PB	K	460
Push-to-test pilot light	L	450
Potentiometer	M	460
2-Pos Selector Maintained	N	260
2-Pos Selector spring L to R	P	280
2-Pos Selector spring R to L	Q	280
3-Pos Selector sw. main.	R	260
3-Pos Selector spring L to R	S	280
3-Pos Selector spring R to L	T	280
3-Pos Selector spring to C	U	280
2-Pos Selector key operated	V	450
3-Pos Selector key operated	W	450

Accessories for A/AF/AL & AE contactors



CAL5-11



CA5-10

Auxiliary contact blocks – Standard

Positioning	Maximum number of contact blocks	Contact Description	Catalog number	List price
Front mounting (single pole)	4 blocks: A9 – A26 AE9 – AE26 AL9 – AL26	1 N.O. 1 N.C.	CA5-10 CA5-01	\$ 15
	5 blocks: A30, A40, AE30, AE40, AL30, AL40	1 N.O. Early make 1 N.C. Late break	CC5-10 CC5-01	
	6 blocks: A45 – A110 AE45 – AE110 AF45 – AF110			
Front mounting (4 pole)	1 block: A9 – A26-40-00 A30 – A110 AE9 – AE110	4 N.O. 3 N.O. & 1 N.C. 2 N.O. & 2 N.C. 4 N.C. 2 N.O./2 N.C.①	CA5-40E CA5-31E CA5-22E CA5-04E CA5-11/11E	30
	1 block: A9 – A40-30-10 AL9 – AL40-30-10	3 N.O. & 1 N.C. 2 N.O. & 2 N.C. 1 N.O. & 3 N.C. 4 N.C. 4 N.O. 2 N.O./2 N.C.①	CA5-31M CA5-22M CA5-13M CA5-04M CA5-40N CA5-11/11M	
Side mounting (2 pole)	2 blocks: A9 – A75, AE9-AE45 1 block: AE50 – AE75, AL9 – AL40	1 N.O. & 1 N.C.	CAL5-11	
	1 block: A/AE/AF95 - A/AE/AF110	1 N.O. & 1 N.C.	CAL18-11	
	2 blocks: A145 – A300, AF145-AF1650	1 N.O. & 1 N.C. (inside L or R)	CAL18-11	
	2 blocks: A145 – A300, AF145-AF1650	1 N.O. & 1 N.C. (outside, L or R)	CAL18-11B	

Auxiliary contact blocks – Front mounting, switching low voltage and low current

Positioning	Maximum number of contact blocks	Contact Description	Degree of protection	Catalog number	List price
Front mounting (single pole)	4 blocks: A9 – A26 AE9 – AE26 AL9 – AL26	1 N.O. 1 N.C. 1 N.O. 1 N.C.	IP40 IP40 IP40 IP40	CE5-10D0.1 CE5-01D0.1 CE5-10D2 CE5-01D2	\$ 38
	5 blocks: A30, A40, AE30, AE40, AL30, AL40	1 N.O.	IP67	CE5-10W0.1	
	6 blocks: A45 – A110 AE45 – AE110 AF45 – AF110	1 N.C. 1 N.O. 1 N.C.	IP67 IP67 IP67	CE5-01W0.1 CE5-10W2 CE5-01W2	

① Includes 1 N.O. & 1 N.C. overlapping

Accessories

Surge suppressors for A/AE/AL/EK contactors

Across the line
contactors

1



RV 5/50

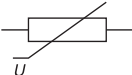
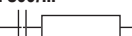
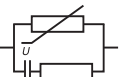


RC 5-1/150

Surge suppression device

Mounting on	Voltage range	Catalog number	List price
AE9 to AE110 AL9 to AL40	12 – 32 VDC 25 – 65 VDC 50 – 90 VDC 77 – 150 VDC 150 – 264 VDC	RT5/32 RT5/65 RT5/90 RT5/150 RT5/264	\$ 30
A9 to A110; AE9 to AE110 AL9 to AL40	24 – 50 VAC/VDC 50 – 133 VAC/VDC 110 – 250 VAC/VDC 250 – 440 VAC/VDC	RV5/50 RV5/133 RV5/250 RV5/440	
A9 to A40	24 – 50 VAC 50 – 133 VAC 110 – 250 VAC 250 – 440 VAC	RC5-1/50 RC5-1/133 RC5-1/250 RC5-1/440	
A45 to A300	24 – 50 VAC 50 – 133 VAC 110 – 250 VAC 250 – 440 VAC	RC5-2/50 RC5-2/133 RC5-2/250 RC5-2/440	
EK110 to EK210	24 – 48 VAC 110 – 415 VAC	RC-EH250/48 RC-EH250/415	26
EK370 to EK550	48 – 110VAC	RC-EH800/110	
EK110 to EK550	24 – 125VDC	RC-EH800/110	
EK370 to EK550	220 – 600VAC	RC-EH800/600	

Technical data

Type		Control circuit	Opening time growth factor	Residual overvoltage or clipping voltage	Remarks	
RT 5 /... transil diode					Advantages	• Good energy absorption • Unpolarized system • Simple, reliable system
	32 65 90 150 264	DC DC DC DC DC	2.5 to 3	50 V 100 V 150 V 210 V 390 V	Drawback	• A certain delay on drop out which does not however reduce contactor breaking capacity.
Varistor	RV 5/...				Advantages	• High energy absorption; good damping • Unpolarized system
	50 133 250 440	AC/DC AC/DC AC/DC AC/DC	1.1 to 1.5	132 V 270 V 480 V 825 V	Drawback	• Clipping as from U_{vdr}, thus voltage front up to this point
RC 5-1/... or RC 5-2/... RC-EH 300/...	see table above	AC	1.2 to 3	2 to 3 x U_c	Advantages	• Very fast clipping • Attenuation of steep fronts and thus of high frequencies • No operating delays
						
Varistor + RC	RC-EH ...				Advantages	• High energy absorption: good damping • Unpolarized system • The RC system damps the voltage front under the U_{vdr}^* threshold.
	800/110 800/600	AC/DC AC	1.1 to 1.5	205 V 1100 V		

* U_{vdr} = Varistor operating voltage (voltage dependent resistor), tolerance $\pm 10\%$

Accessories for A/AE/AL/AF contactors

Across the line
contactors

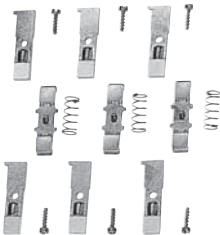
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ATK185



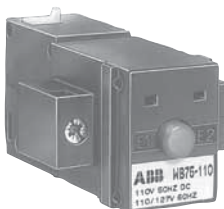
ATK750/3



ZL75



ZL145



WB75A-04



BA5-50

Terminal lug kits (Set of 3)

Wire range	For contactor	Catalog number	List price
6 – 250 MCM	A145 – A185	ATK185	\$ 45
4 – 400 MCM	A210 – A300	ATK300	68
(2) 4-500 MCM	A210 – A300	ATK300/2	110
(2) 2/0 – 500 MCM	AF400 – AF580	ATK580/2	150
(3) 2/0 – 500 MCM	AF580 – AF750	ATK750/3	225
(4) 4/0 – 500 MCM	AF1350	ATK1350/4	235
(4) 1/0 – 750 MCM	AF1350 – AF1650	ATK1650/4	335
(6) 1/0 – 750 MCM	AF1350 – AF1650	ATK1650/6	560

Contact kits

For contactors	Catalog number	List price
3 Pole		
A/AE/AF50	ZL50	\$ 113
A/AE/AF63	ZL63	135
A/AE/AF75	ZL75	158
A/AE/AF95	ZL95	225
A/AE/AF110	ZL110	255
A/AF145	ZL145	300
A/AF185	ZL185	420
A/AF210	ZL210	525
A/AF260	ZL260	855
A/AF300	ZL300	1020
AF400	ZL400	1716
AF460	ZL460	2434
AF580	ZL580	3795
AF750	ZL750	3960
AF1350	ZL1350	4255
AF1650	ZL1650	4890
4 Pole		
A/AE45	ZLT45	150
A/AE50	ZLT50	150
A/AE75	ZLT75	210
3 Pole		
UA50	ZLU50	150
UA75	ZLU75	215
UA95	ZLU95	306
UA110	ZLU110	347

Mechanical latches

For contactors	Catalog number	List price
A9 - A75, AE45 - AE75, & AL9 - AL40	WB75A-★	\$ 84

★ - Coil voltage suffix. Refer to Coil Voltage Selection chart and substitute the desired coil voltage suffix for the ★.

Coil voltage selection chart — mechanical latches for A, AE & AL contactors

50 Hz (AC/DC)	60 Hz (AC)	Voltage code	50 Hz (DC)	60 Hz (AC)	Voltage code
24	24 – 28	01	220 – 230	220 – 255	06
42	42 – 48	02	230 – 240	230 – 277	05
48	48 – 55	03	380 – 415	380 – 440	07
110	110 – 127	04	415 – 440	440 – 480	08

Range: WB75A for contactors A9 – A75, AL9 – AL40, AE45 – AE75 and control relays N and NL.

Description: WB75A block: contains a mechanical latching device with electromagnetic impulse unlatching (AC or DC) or manual unlatching. Captive screw type connecting terminals, built-in cable clamps, M 3.5 (=, -) posidrive 1 screw with screwdriver guidance, delivered untightened and protected against accidental direct contact.

Operation: After closing, the contactor continues to be held in the closed position by the latching mechanism should the supply voltage fail at the contact coil terminals.

Contact opening can be controlled:

- Electrically by an impulse* (AC or DC) on the WB75A block coil. The coil is not designed to permanently energized.
- Manually by pressing the pushbutton on the front face of the WB75A block.

Mounting: WB75A is clipped onto the front face of the contactor.

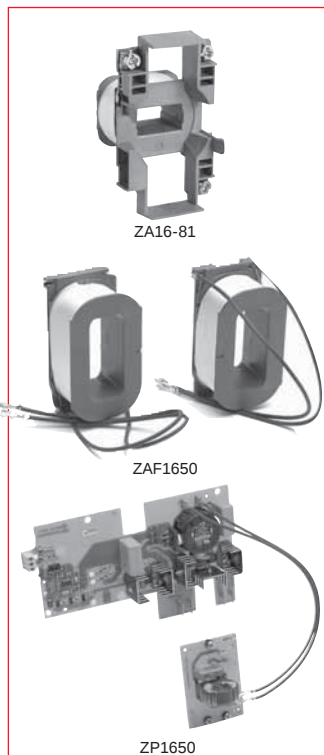
Identification markers

Mounting on	Coil voltage	Catalog number	List price
A/AE/AL/AF9 – A/AE/AL/AF110	Pack of 50	BA5-50	\$ 15

Accessories

for A/AE/AL/AF contactors

Coils & coil voltage codes



Coils — AC operated

For contactors	Catalog number	List price
A9 – A16	ZA16-★	\$ 24
A26 – A40	ZA40-★	30
A45 – A75	ZA75-★	57
A95 – A110	ZA110-★	60
A145 – A185	ZA185-★	150
A210 – A300	ZA300-★	180

Coils — DC operated

AE9 – AE16	ZAE16-★	24
AE26 – AE40	ZAE40-★	30
AE45 – AE75	ZAE75-★	57
AE95 – AE110	ZAE110-★	90
Auxiliary including an insertion contact and a varistor for DC operated contactors	CCL18-01	45

Coils — AC/DC operated (coil and printed circuit board except ZAF1650)

AF45 – AF75	ZAF75-★	120
AF95, AF110	ZAF110-★	165
AF145 – AF185	ZAF185-★	200
AF210 – AF300	ZAF300-★	240
AF400, AF460	ZAF460-★	450
AF580, AF750	ZAF750-★	525
AF1350, AF1650 (Set of 2 coils only)	ZAF1650-★	920

Printed circuit board — AC/DC operated

AF1350 – AF1650	ZP1650	1620
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★ – Coil voltage suffix. Refer to Coil Voltage Selection charts below and substitute the desired coil voltage code for the ★.

Coil voltage selection — AC operated

for A9 – A300; UA26 – UA110

VAC (50Hz)	VAC (60Hz)	Voltage Code
24	24	81
26	28	16
28	32	17
42	42	82
48	48	83
60	60	73
100	100 – 110	74 ②
110	110 – 120	84
110 – 115	115 – 127	89 ③
120	140	29
125 – 127	150	30
175	208	34
190	220	36
200	200 – 220	75 ②
220 – 230	230 – 240	80
230 – 240	240 – 260	88
230 – 240	277	42
230/400	—	62 ①
—	230/400	63 ①
380 – 400	400 – 415	85
400 – 415	415 – 440	86
—	480	51
440	500	53
500	600	55
550	—	56
660 – 690	—	58

Coil voltage selection — DC operated for AE contactors

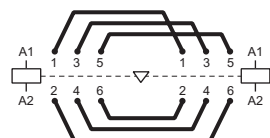
VDC	Voltage code AE contactors
12	80
24	81
42	82
48	83
50	21
60	84
75	85
110	86
125	87
220	88
240	89
250	38

Coil voltage selection — AC/DC operated for AF50 – AF1650

VAC & VDC 40-60 Hz	Suffix Code
24 – 60 VDC	68 ④
20 – 60 VDC	72 ⑤
48 – 130 VAC/VDC	69
100 – 250 VAC/VDC	70 ⑦
250 – 500 VAC/DC	71 ⑥

- ① Only for A9 – A16.
 ② Not for A145 – A300
 ③ A145 – A300 at 60 Hz, 115V only
 ④ AF400 – AF750, DC only
 ⑤ AF45 – AF300
 ⑥ AF400 – AF750 only
 ⑦ Only option for AF1350 – AF1650

Accessories for A/AE/AL/AF contactors



BEM circuit diagram



BES110 connection diagram



BED...

Connection kits for reversing

Mounting on 3 pole contactors	Catalog number	List price
A/AE/AL9 – A/AE/AL16	BEM16-30	\$ 23
A/AE/AL26	BEM26-30	30
A/AE/AL30, A/AE/AL40	BEM40-30	45
A/AE/AF50 – A/AE/AF75	BEM75-30	165
A/AE/AF95, A/AE/AF110	BEM110-30	180
A/AF145 – A/AF185	BEM185-30	260
A/AF210 – A/AF300	BEMA300-30	470
AF400 – AF460	BEM460-30	850
AF580 – AF750	BEM750-30	1200

Application

Connections between the main poles of **two 3 pole contactors** mounted side by side so that they operate as reversing contactors.

Description

The connection kits for reversing contactors are made up of three reversing connections and three phase to phase connections.

- Insulated, solid, rigid copper wires
- Insulated, stranded, rigid copper wires
- Insulated, solid copper bars

Connection kits for phase to phase

Mounting on 3 pole contactors	Catalog number	List price
A/AE/AF50, A/AE/AF75	BES75-30	\$ 75
A/AE/AF95, A/AE/AF110	BES110-30	90
A/AF145 – A/AF185	BES185-30	130
A/AF210 – A/AF300	BESA300-30	200
AF400 – AF460	BES460-30	425
AF580 – AF750	BES750-30	650

The connection kit for phase to phase contactors is made up of three phase to phase bus bars.

Connection kits for wye-delta starters

Mounting on contactors		Catalog number	List price
Line and delta contactor	Wye contactor		
A30 A40	A26 A26	BED40U	\$ 53
A50 A63	A30 A40	BED50U	165
A75 A95 A110 A145 A185 A210	A50 A75 A95 A110 A145 A185	BED75U BED95U BED110U BED145U BED185U BED210U	180 195 225 250 290 375
A260/A300	A210	BED300U	500
AF400/AF460	A260/A300	BED400U	850
AF460	AF400	BED460U	900
AF580	AF400/AF460	BED580U	1250
AF750	AF580	BED750U	1450

Application

Connections between the main poles of a wye-delta starter.

Description

The connection kits for wye-delta starters are made up of:

- Three line contactor/wye contactor connections — line side.
- Three wye contactor/delta contactor connections — load side.
- The shorting connection for the "S" contactor.

BED40U – Insulated, stranded, rigid copper wires.

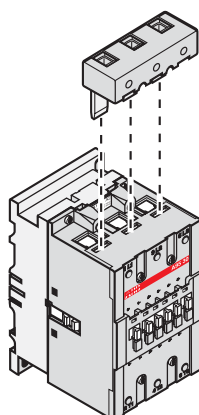
BED50U thru BED750U — Insulated, solid copper bars.

The above connection sets allow a mechanical interlock unit to be mounted between the wye and delta contactors if required.

Accessories for A/AE/AL/AF contactors

Across the line
contactors

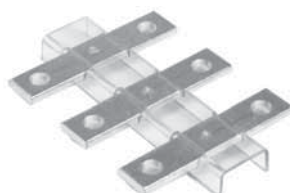
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LD110



BEXT-75



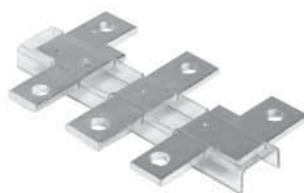
LX...



LT185-AC



LT185-AL



LW...

Additional terminal blocks

Mounting on 3 pole contactors	Wire range	Catalog number	List price
A/AE/AL9 – A/AE/AL16 (set of 2)	16 – 6	LD-16	\$ 20
A/AE/AL26 (set of 2)	14 – 6	LD-26	22
A/AE/AL30 – A/AE/AL40	12 – 4	LD-40	26
A/AE/AF50 – A/AE/AF75	10 – 2	LD-75	28
A/AE/AF95 – A/AE/AF110	8 – 1	LD-110	30

Utilization – The LD series terminal block is designed to increase the connection capacity of the contactor on which it is mounted. The LD 75 and LD110 terminal blocks are mounted in the three independent apertures located above the built-in connectors.

Terminal extensions

Mounting on contactors	Catalog number	List price
A/AE/AF50 – A/AE/AF75	BEXT-75	\$ 15
A/AE/AF95, A/AE/AF110	LW-110	15
A/AF145 – A/AF185	LX185	90
A/AF210 – A/AF300	LX300	140
AF400 – AF460	LX460	195
AF580 – AF750	LX750	225

Application

They are designed to increase the width of the contactor terminal pads to allow larger connectors to be mounted.

Description

Terminal extension sets contain 3 bars.

Terminal shrouds — two pieces

For contactor	Catalog number	List price
A/AF145 – A/AF185 for flush mount A/AF145 – A/AF185 for extended mount A/AF145 – A/AF185 for shorting bar LY...between A(F)145 / A(F)185 & TA200DU A/AF210 – A/AF300 for flush mount A/AF210 – A/AF300 for extended mount A/AF210 – A/AF300 for shorting bar LY300	LT185-AC LT185-AL LT185-AY LT300-AC LT300-AL LT300-AY	\$ 10
AF400 – AF460 for flush mount AF400 – AF460 for extended mount AF580 – AF750 for flush mount AF580 – AF750 for extended mount	LT460-AC LT460-AL LT750-AC LT750-AL	20

Terminal enlargements

For contactor	Catalog number	List price
A/AF95 – A/AF110 A/AF145 – A/AF185 A/AF210 – A/AF300 AF400 – AF460 AF580 – AF750	LW110 LW185 LW300 LW460 LW750	\$ 95 120 130 295 355

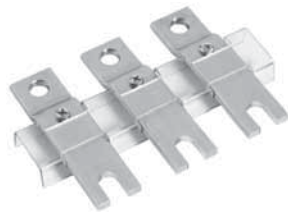
Arc chutes

For contactor	Catalog number	List price
A/AF145 – A/AF185 A/AF210 – A/AF300 A/AF400 – A/AF460 A/AF580 – A/AF750 AF1350 – AF1650	ZW185 ZW300 ZW460 ZW750 ZW1650	\$ 130 180 190 230 315

Accessories for A/AE/AF contactors



BEA185/S3/S4



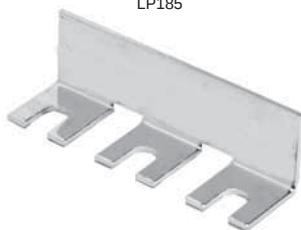
BEAD185D/S3/S4



BEA185H/S4



LP185



LY...

Vertical connection bars between contactor and MCCB — three bars

MCCB	For contactor	Catalog number	List price
T1	A/AE/AF50 – A/AE/AF75	BEA75/T1	\$ 85
T3	A/AE/AF95 – A/AE/AF110	BEA110/T3	95
T3	A/AF145 – A/AF185	BEA185/T3	60
S3, S4	A/AF145 – A/AF185	BEA185/S3/S4	60
T4	A/AF145 – A/AF185	BEA185/T4	60
T4	A/AF210	BEA210/T4	70
T5	A/AF210 – A/AF300	BEA300/T5	75
T5	A/AF400 – A/AF460	BEA400/T5	95
T5	A/AF580 – A/AF750	BEA750/T5	115
S5	A/AF210 – A/AF300	BEA300/S5	75
S5 ^①	AF400 – AF460	BEA400/S5	95
S6	AF400 – AF750	BEA750/S6	115

Vertical connection bars between contactor and MCCB — three bars

MCCB	For contactor	Catalog number	List price
S3, S4	A/AF145 – A/AF185	BEA185D/S3/S4	\$ 70
S4	A/AF210 – A/AF300	BEA210D/S4	80
S5	A/AF210 – A/AF300	BEA300D/S5	85
S5	AF400 – AF460	BEA400D/S5	105
S6	AF400 – AF750	BEA750D/S6	125

To be used when power take off is needed (IP00) or with other bus bars. (EX: Reversing, IP20)

Horizontal connection busbars between contactor and MCCB — three bars

MCCB	For contactor	Catalog number	List price
S3, S4	A/AF145 – A/AF185	BEA185H/S4	\$ 150
S4	A/AF210 – A/AF300	BEA210H/S4	220
S5	A/AF210 – A/AF300	BEA300H/S5	220
S5	AF400 – AF460	BEA400H/S5	435
S6	AF400 – AF460	BEA460H/S6	660
S6	AF580 – AF750	BEA750H/S6	670

Shorting bars, 2 pole

For contactor	Catalog number	List price
A/AF145 – A/AF185	LP185	\$ 35
A/AF210 – A/AF300	LP300	50
AF400 – AF460	LP460	50
AF580 – AF750	LP750	50

Shorting bars, 3 pole

For contactor	Catalog number	List price
A/AE45 – A/AE/AF75	LF75	\$ 40
A/AE/AF95 – A/AE/AF110	LY110	40
A/AE/AF145 – A/AE/AF185	LY185	40
A/AE/AF210 – A/AE/AF300	LYA300	60
AF400 – AF460	LY460	60
AF580 – AF750	LY750	60

① Not for use with flange handles.